

From Draft DEFT Report

1. A new Hood Diversion Demonstration/Testing Facility on the Sacramento River capable of diverting up to 2,000 cfs from the Sacramento River to the Mokelumne River. The facility would have an alignment as defined for Alternatives 2 and 3, so that those options would not be precluded in the future. Screen operation would be under criteria established by NMFS, FWS, and DFG. The facility would be operated for the following purposes:
 - i. Test screening efficiency, cleaning and bypass mechanisms .
 - ii. Test upstream passage mechanisms.
 - iii. Enable closing the Delta Cross Channel without compromising interior Delta water quality.
 - iv. Improve Delta water quality.
 - v. Improve cues for migrating fish.

This action also has some potential negative effects:

- Exposes young salmon to a new screen system
- May impair cues of migrating fish
- May block or impair upstream passage of migrating fish